

12/16/99  
JCS88 U.S. PTO

12-20-99

A

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> (Only for new non-provisional applications under 37CFR§1.53(b))		Attorney Docket No.	7
		First Inventor or Application Identifier	Bryan S. Hallberg
		Title	METHOD AND APPARATUS FOR STORING MPEG-2 TRANSPORT STREAMS USING A CONVENTIONAL DIGITAL VIDEO RECORDER
		Express Mail Label No.	EL399605856US

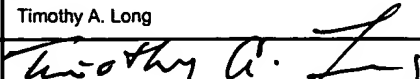
<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.		<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231	
1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing)		5. <input type="checkbox"/> Microfiche Computer Program (Appendix)	
2. <input checked="" type="checkbox"/> Specification <span style="float: right;">Total pages</span> <span style="border: 1px solid black; padding: 0 5px;">17</span> (preferred arrangement set forth below) <ul style="list-style-type: none"><li>- Descriptive Title of the Invention</li><li>- Cross References to Related Applications</li><li>- Statement Regarding Federally Sponsored Research</li><li>- Reference to Microfiche Appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul>		6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) <ul style="list-style-type: none"><li>a. <input type="checkbox"/> Computer readable copy</li><li>b. <input type="checkbox"/> Paper copy (identical to computer copy)</li><li>c. <input type="checkbox"/> Statement verifying identity of above copies</li></ul>	
3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) <span style="float: right;">[Total Pages]</span> <span style="border: 1px solid black; padding: 0 5px;">6</span>		<b>ACCOMPANYING APPLICATION PARTS</b>	
4. Oath or Declaration <span style="float: right;">[Total Pages]</span> <span style="border: 1px solid black; padding: 0 5px;">3</span> <ul style="list-style-type: none"><li>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</li><li>b. <input type="checkbox"/> Copy from a prior application (37 CFR §1.63(d)) (for continuation/divisional with Box 16 completed)<ul style="list-style-type: none"><li>i. <input type="checkbox"/> Deletion of Inventor(s) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§1.53(d)(2) and 1.33(b)</li></ul></li></ul>		7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))	
* Note for Items 1 & 13: In order to be entitled to pay small entity fees, a small entity statement is required (37 CFR §1.27), except if one filed in a prior application is relied upon (37 CFR §1.28)		8. <input checked="" type="checkbox"/> 37 CFR §3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney when there is an assignee	
		9. <input type="checkbox"/> English translation document (if applicable)	
		10. <input type="checkbox"/> Information Disclosure Statement (IDS) /PTO 1449 <input type="checkbox"/> Copies of IDS Citations	
		11. <input type="checkbox"/> Preliminary Amendment	
		12. <input type="checkbox"/> Return Receipt Postcard (MPEP 503) (should be specifically itemized)	
		13. <input type="checkbox"/> *Small Entity Statements (PTO/sb/09-12) <input type="checkbox"/> Statement filed in prior application. Status still proper and desired.	
		14. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)	
		15. <input checked="" type="checkbox"/> Other Associate Power of Attorney	

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_/\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group No./Art Unit \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

<b>17. CORRESPONDENCE ADDRESS</b>					
<input type="checkbox"/> Customer Number or Bar Code Label		(Insert customer number or attach bar code label here)		or <input checked="" type="checkbox"/> Correspondence address below	
Name	Chernoff, Vilhauer, McClung & Stenzel L.L.P.				
Address	1600 ODS Tower 601 S.W. Second Avenue				
City	Portland	State	Oregon	Zip Code	97204-3157
Country	U.S.A.	Telephone	(503) 227-5631	FAX	(503) 228-4373
Name (print type)	Timothy A. Long			Registration No. (Attorney/Agent)	28,876
Signature				Date	December 16, 1999

# FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

Complete If Known

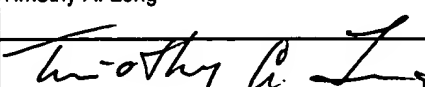
Application Number	
Filing Date	concurrently herewith
First Named Inventor	Bryan S. Hallberg
Examiner Name	
Group/ Art Unit	
Attorney Docket No.	7146.055

TOTAL AMOUNT OF PAYMENT \$1,244

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																																										
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge the indicated fees and credit any over payments to:</p> <p>Deposit Account Number 03-1550</p> <p>Deposit Account Name Chernoff Vilhauer McClung &amp; Stenzel</p> <p><input type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 &amp; 1.17</p> <p>2. <input type="checkbox"/> Payment Enclosed</p> <p><input type="checkbox"/> Check    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other</p>	<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge-late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1840*</td> <td>113</td> <td>1840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116</td> <td>380</td> <td>216</td> <td>190</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117</td> <td>870</td> <td>217</td> <td>435</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1,360</td> <td>218</td> <td>680</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128</td> <td>1,850</td> <td>228</td> <td>925</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119</td> <td>300</td> <td>219</td> <td>150</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>300</td> <td>220</td> <td>150</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>260</td> <td>221</td> <td>130</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>141</td> <td>1,210</td> <td>241</td> <td>605</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>142</td> <td>1,210</td> <td>242</td> <td>605</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143</td> <td>430</td> <td>243</td> <td>215</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144</td> <td>580</td> <td>244</td> <td>290</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126</td> <td>240</td> <td>126</td> <td>240</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>561</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td>40</td> </tr> <tr> <td>146</td> <td>760</td> <td>246</td> <td>380</td> <td>Filing a submission after final rejection (37 C.F.R. 1.129(a))</td> <td></td> </tr> <tr> <td>149</td> <td>760</td> <td>249</td> <td>380</td> <td>For each additional invention to be examined (37 C.F.R. 1.129(b))</td> <td></td> </tr> <tr> <td colspan="5">Other (specify)</td> <td></td> </tr> <tr> <td colspan="5">Other (specify)</td> <td></td> </tr> <tr> <td colspan="5">* Reduced by Basic Filing Fee Paid</td> <td></td> </tr> </tbody> </table>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)			105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge-late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1840*	113	1840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	380	216	190	Extension for reply within second month		117	870	217	435	Extension for reply within third month		118	1,360	218	680	Extension for reply within fourth month		128	1,850	228	925	Extension for reply within fifth month		119	300	219	150	Notice of Appeal		120	300	220	150	Filing a brief in support of an appeal		121	260	221	130	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,210	241	605	Petition to revive - unintentional		142	1,210	242	605	Utility issue fee (or reissue)		143	430	243	215	Design issue fee		144	580	244	290	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Statement		561	40	581	40	Recording each patent assignment per property (times number of properties)	40	146	760	246	380	Filing a submission after final rejection (37 C.F.R. 1.129(a))		149	760	249	380	For each additional invention to be examined (37 C.F.R. 1.129(b))		Other (specify)						Other (specify)						* Reduced by Basic Filing Fee Paid					
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																						
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																								
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																							
127	50	227	25	Surcharge-late provisional filing fee or cover sheet																																																																																																																																																																																							
139	130	139	130	Non-English specification																																																																																																																																																																																							
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																							
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																							
113	1840*	113	1840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																							
115	110	215	55	Extension for reply within first month																																																																																																																																																																																							
116	380	216	190	Extension for reply within second month																																																																																																																																																																																							
117	870	217	435	Extension for reply within third month																																																																																																																																																																																							
118	1,360	218	680	Extension for reply within fourth month																																																																																																																																																																																							
128	1,850	228	925	Extension for reply within fifth month																																																																																																																																																																																							
119	300	219	150	Notice of Appeal																																																																																																																																																																																							
120	300	220	150	Filing a brief in support of an appeal																																																																																																																																																																																							
121	260	221	130	Request for oral hearing																																																																																																																																																																																							
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																							
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																							
141	1,210	241	605	Petition to revive - unintentional																																																																																																																																																																																							
142	1,210	242	605	Utility issue fee (or reissue)																																																																																																																																																																																							
143	430	243	215	Design issue fee																																																																																																																																																																																							
144	580	244	290	Plant issue fee																																																																																																																																																																																							
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																							
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																							
126	240	126	240	Submission of Information Disclosure Statement																																																																																																																																																																																							
561	40	581	40	Recording each patent assignment per property (times number of properties)	40																																																																																																																																																																																						
146	760	246	380	Filing a submission after final rejection (37 C.F.R. 1.129(a))																																																																																																																																																																																							
149	760	249	380	For each additional invention to be examined (37 C.F.R. 1.129(b))																																																																																																																																																																																							
Other (specify)																																																																																																																																																																																											
Other (specify)																																																																																																																																																																																											
* Reduced by Basic Filing Fee Paid																																																																																																																																																																																											
<p>1. BASIC FILING FEE</p> <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>101</td> <td>760</td> <td>201</td> <td>380</td> <td>Utility filing fee</td> <td>760</td> </tr> <tr> <td>106</td> <td>310</td> <td>206</td> <td>155</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107</td> <td>480</td> <td>207</td> <td>240</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>760</td> <td>208</td> <td>380</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114</td> <td>150</td> <td>214</td> <td>75</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (1)</td> <td>\$760</td> </tr> </tbody> </table> <p>2. EXTRA CLAIM FEES</p> <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>23</td> <td>-20*</td> <td>= 3</td> <td>X 18</td> <td>= 54</td> </tr> <tr> <td>Indep. Claims</td> <td>8</td> <td>-3*</td> <td>= 5</td> <td>X 78</td> <td>= 390</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>* or number of previously paid, if greater. For reissues, see below.</p> <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>102</td> <td>78</td> <td>202</td> <td>39</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>104</td> <td>260</td> <td>204</td> <td>130</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>109</td> <td>78</td> <td>209</td> <td>39</td> <td>*Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>*Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (2)</td> <td>\$444</td> </tr> </tbody> </table>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)			101	760	201	380	Utility filing fee	760	106	310	206	155	Design filing fee		107	480	207	240	Plant filing fee		108	760	208	380	Reissue filing fee		114	150	214	75	Provisional filing fee		SUBTOTAL (1)					\$760			Extra Claims		Fee from below	Fee Paid	Total Claims	23	-20*	= 3	X 18	= 54	Indep. Claims	8	-3*	= 5	X 78	= 390	Multiple Dependent						Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)			103	18	203	9	Claims in excess of 20		102	78	202	39	Independent claims in excess of 3		104	260	204	130	Multiple dependent claim, if not paid		109	78	209	39	*Reissue independent claims over original patent		110	18	210	9	*Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)					\$444	<p>3. SUBTOTAL (3) \$40</p>																																																																		
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																						
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																								
101	760	201	380	Utility filing fee	760																																																																																																																																																																																						
106	310	206	155	Design filing fee																																																																																																																																																																																							
107	480	207	240	Plant filing fee																																																																																																																																																																																							
108	760	208	380	Reissue filing fee																																																																																																																																																																																							
114	150	214	75	Provisional filing fee																																																																																																																																																																																							
SUBTOTAL (1)					\$760																																																																																																																																																																																						
		Extra Claims		Fee from below	Fee Paid																																																																																																																																																																																						
Total Claims	23	-20*	= 3	X 18	= 54																																																																																																																																																																																						
Indep. Claims	8	-3*	= 5	X 78	= 390																																																																																																																																																																																						
Multiple Dependent																																																																																																																																																																																											
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																						
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																								
103	18	203	9	Claims in excess of 20																																																																																																																																																																																							
102	78	202	39	Independent claims in excess of 3																																																																																																																																																																																							
104	260	204	130	Multiple dependent claim, if not paid																																																																																																																																																																																							
109	78	209	39	*Reissue independent claims over original patent																																																																																																																																																																																							
110	18	210	9	*Reissue claims in excess of 20 and over original patent																																																																																																																																																																																							
SUBTOTAL (2)					\$444																																																																																																																																																																																						

SUBMITTED BY

Complete (if applicable)

Name (print type)	Timothy A. Long	Registration No.	28,876	Telephone	(503) 227-5631
Signature				Date	December 16, 1999

06/465415

CERTIFICATE OF MAILING  
BY "EXPRESS MAIL"

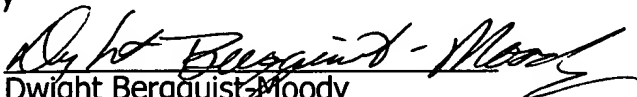
Express Mail No. EL399605856US

Date of Deposit: December 16,1999

I hereby certify that the documents listed below and attached hereto, submitted by Bryan S. Hallberg and Jeffrey B. Sampsell, for a new U.S. Patent application filed concurrently herewith entitled METHOD AND APPARATUS FOR STORING MPEG-2 TRANSPORT STREAMS USING A CONVENTIONAL DIGITAL VIDEO RECORDER, including the required fees, are being deposited with the United States Postal Service as express mail in an envelope addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231 on December 16,1999.

The specific documents served herewith are:

- |   |                         |
|---|-------------------------|
| 1. Utility Patent Application Transmittal                                   | 10. Power of Attorney   |
| 2. Fee Transmittal (in duplicate)   | 11. Check #51866 in the |
| 3. Specification (17 pages)   | amount of \$1,244.00    |
| 4. Drawings (6 pages)   | 12. Confirmation Card   |
| 5. Declaration (3 pages)  |                         |
| 6. Assignment   |                         |
| 7. Recordation Form Cover Sheet   |                         |
| 8. Certificate under 37 CFR §3.73(b)<br>With a copy of supporting documents |                         |
| 9. Associate Power of Attorney  |                         |

  
Dwight Bergquist-Moody